

10/808, 496

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1379	((514/217.06) or (514/263.22) or (544/277)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/02 11:10
L2	4	L1 and (tetrahydronaphthyrdin or tetrahydronaphthyridine)	US-PGPUB; USPAT	OR	OFF	2006/03/02 11:12

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Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal202txn

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	DEC 05	CASREACT(R) - Over 10 million reactions available
NEWS	4	DEC 14	2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS	5	DEC 14	2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS	6	DEC 14	CA/CAPLUS to be enhanced with updated IPC codes
NEWS	7	DEC 21	IPC search and display fields enhanced in CA/CAPLUS with the IPC reform
NEWS	8	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/USPAT2
NEWS	9	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS	10	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS	11	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS	12	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS	13	JAN 30	Saved answer limit increased
NEWS	14	JAN 31	Monthly current-awareness alert (SDI) frequency added to TULSA
NEWS	15	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS	16	FEB 22	Status of current WO (PCT) information on STN
NEWS	17	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS	18	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS	19	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	20	FEB 28	MEDLINE/LMEDLINE reload improves functionality
NEWS	21	FEB 28	TOXCENTER reloaded with enhancements
NEWS	22	FEB 28	REGISTRY/ZREGISTRY enhanced with more experimental spectral property data
NEWS	23	MAR 01	INSPEC reloaded and enhanced
NEWS EXPRESS			FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT http://download.cas.org/express/v8.0-Discover/
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:31:57 ON 02 MAR 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:32:32 ON 02 MAR 2006

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 1 MAR 2006 HIGHEST RN 875609-25-9

DICTIONARY FILE UPDATES: 1 MAR 2006 HIGHEST RN 875609-25-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

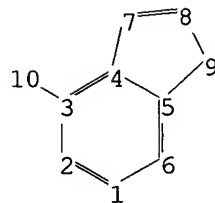
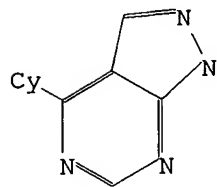
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10808496b.str

10/ 808,496



chain nodes :

10

ring nodes :

1 2 3 4 5 6 7 8 9

chain bonds :

3-10

ring bonds :

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9

exact/norm bonds :

3-10 5-9 7-8 8-9

exact bonds :

4-7

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

Match level :

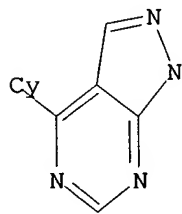
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

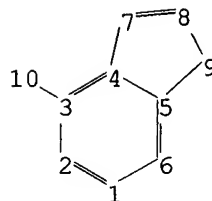
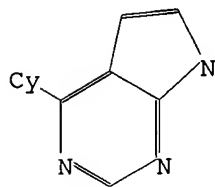


Structure attributes must be viewed using STN Express query preparation.

=>

Uploading C:\Program Files\Stnexp\Queries\10808496a.str

10/ 808,496

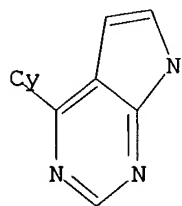


chain nodes :
10
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
3-10
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9
exact/norm bonds :
3-10 5-9 8-9
exact bonds :
4-7 7-8
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

L2 STRUCTURE UPLOADED

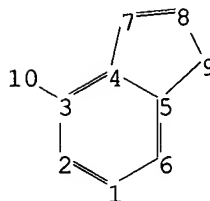
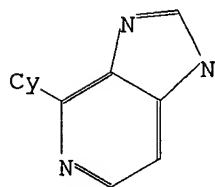
=> d 12
L2 HAS NO ANSWERS
L2 STR



Structure attributes must be viewed using STN Express query preparation.

=>
Uploading C:\Program Files\Stnexp\Queries\10808496.str

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chain nodes :

10

ring nodes :

1 2 3 4 5 6 7 8 9

chain bonds :

3-10

ring bonds :

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9

exact/norm bonds :

3-10 4-7 5-9 7-8 8-9

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

Match level :

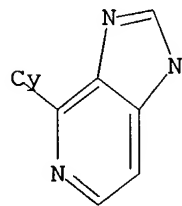
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

L3 STRUCTURE UPLOADED

=> d l3

L3 HAS NO ANSWERS

L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> s naphthyrid?

L4 61222 NAPHTHYRID?

=> s l1 full

FULL SEARCH INITIATED 11:33:45 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 30025 TO ITERATE

100.0% PROCESSED 30025 ITERATIONS

5081 ANSWERS

SEARCH TIME: 00.00.01

L5 5081 SEA SSS FUL L1

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=> s 12 full

FULL SEARCH INITIATED 11:33:54 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 36986 TO ITERATE

100.0% PROCESSED 36986 ITERATIONS 1789 ANSWERS
SEARCH TIME: 00.00.02

L6 1789 SEA SSS FUL L2

=> s 13 full

FULL SEARCH INITIATED 11:34:01 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 58918 TO ITERATE

100.0% PROCESSED 58918 ITERATIONS 611 ANSWERS
SEARCH TIME: 00.00.02

L7 611 SEA SSS FUL L3

=> d his

(FILE 'HOME' ENTERED AT 11:31:57 ON 02 MAR 2006)

FILE 'REGISTRY' ENTERED AT 11:32:32 ON 02 MAR 2006

L1 STRUCTURE UPLOADED
L2 STRUCTURE UPLOADED
L3 STRUCTURE UPLOADED
L4 61222 S NAPHTHYRID?
L5 5081 S L1 FULL
L6 1789 S L2 FULL
L7 611 S L3 FULL

=> s 15 and 14

L8 0 L5 AND L4

=> s 16 and 14

L9 1 L6 AND L4

=> s 17 and 14

L10 0 L7 AND L4

=> fie hcaplus

FIE IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	506.02	506.23

FILE 'HCAPLUS' ENTERED AT 11:35:06 ON 02 MAR 2006

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FILE COVERS 1907 - 2 Mar 2006 VOL 144 ISS 10
FILE LAST UPDATED: 1 Mar 2006 (20060301/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> d his

(FILE 'HOME' ENTERED AT 11:31:57 ON 02 MAR 2006)

FILE 'REGISTRY' ENTERED AT 11:32:32 ON 02 MAR 2006

L1	STRUCTURE UPLOADED
L2	STRUCTURE UPLOADED
L3	STRUCTURE UPLOADED
L4	61222 S NAPHTHYRID?
L5	5081 S L1 FULL
L6	1789 S L2 FULL
L7	611 S L3 FULL
L8	0 S L5 AND L4
L9	1 S L6 AND L4
L10	0 S L7 AND L4

FILE 'HCAPLUS' ENTERED AT 11:35:06 ON 02 MAR 2006

=> s l9

L11 1 L9

=> d l11 1- ibib abs hitstr

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y

L11 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:1211458 HCAPLUS

DOCUMENT NUMBER: 143:477951

TITLE: Preparation of tetrahydronaphthyridines as histamine
H3 receptor ligandsINVENTOR(S): Strang, Ross Sinclair; Lunn, Graham; Mathias, John
Paul

PATENT ASSIGNEE(S): Pfizer Limited, UK

SOURCE: Eur. Pat. Appl., 72 pp.

CODEN: EPXXDW

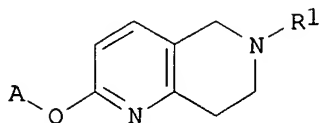
DOCUMENT TYPE: Patent

LANGUAGE: English

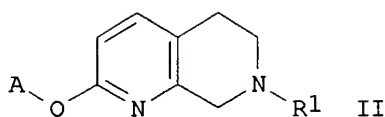
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

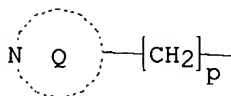
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1595881	A1	20051116	EP 2004-291222	20040512
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
WO 2005111036	A1	20051124	WO 2005-IB1267	20050506
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
NL 1029016	A1	20051115	NL 2005-1029016	20050511
US 2005256135	A1	20051117	US 2005-128804	20050512
PRIORITY APPLN. INFO.:			EP 2004-291222	A 20040512
			US 2004-585139P	P 20040701
OTHER SOURCE(S):		MARPAT 143:477951		
GI				



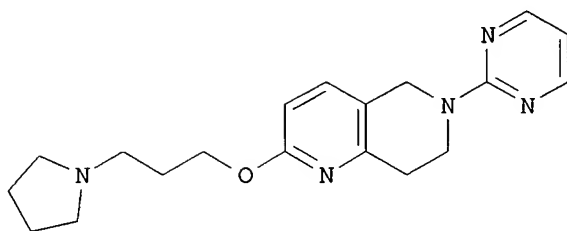
I



II



III



IV

AB The title compds. I or II [R1 = (un)substituted Het1; A = (CH2)_mNR7R8 (wherein m = 2-6; R7, R8 = H, alkyl, cycloalkyl, hydroxyalkyl or (un)substituted NR7R8 = 4-7 membered saturated heterocyclyl optionally containing

more heteroatoms), III (p = 0-2; Q = (un)substituted 4-6 membered saturated heterocyclyl); Het1 = monocyclic or bicyclic heteroaryl having 5-10 ring members which contain 1-4 heteroatoms selected from N, O and S] which are H3 ligands and are useful in numerous diseases, disorders and conditions, in particular inflammatory, allergic and respiratory diseases, disorders and conditions, were prepared. Thus, reacting 2-(3-pyrrolidin-1-ylpropoxy)-5,6,7,8-tetrahydro-1,6-naphthyridine (preparation given) with 2-bromopyrimidine afforded 24% IV. The exemplified compds. I and II have been tested in the H3 assays and were found to have a Ki value of less than 1000 nM in the H3 cell based functional assay. The most preferred examples have a Ki value of less than 30 nM in the H3 cell based functional assay and a Ki value of greater than 4500 nM in the dofetilide binding assay. The pharmaceutical compns. comprising the compds. I or II alone or in combination with other pharmacol. active agent are disclosed.

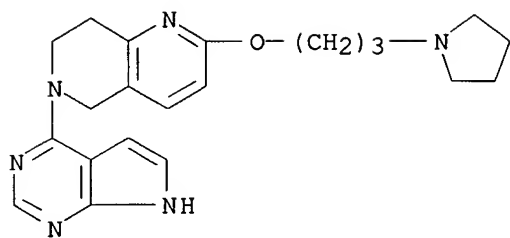
IT **869640-09-5P**

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of tetrahydronaphthyridines as histamine H3 receptor ligands)

RN 869640-09-5 HCAPLUS

CN 1,6-Naphthyridine, 5,6,7,8-tetrahydro-2-[3-(1-pyrrolidinyl)propoxy]-6-(1H-pyrrolo[2,3-d]pyrimidin-4-yl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/ 808,496

=> d his

(FILE 'HOME' ENTERED AT 11:31:57 ON 02 MAR 2006)

FILE 'REGISTRY' ENTERED AT 11:32:32 ON 02 MAR 2006

L1 STRUCTURE UPLOADED
L2 STRUCTURE UPLOADED
L3 STRUCTURE UPLOADED
L4 61222 S NAPHTHYRID?
L5 5081 S L1 FULL
L6 1789 S L2 FULL
L7 611 S L3 FULL
L8 0 S L5 AND L4
L9 1 S L6 AND L4
L10 0 S L7 AND L4

FILE 'HCAPLUS' ENTERED AT 11:35:06 ON 02 MAR 2006

L11 1 S L9

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
7.64	513.87

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-0.75	-0.75

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STN INTERNATIONAL LOGOFF AT 11:35:43 ON 02 MAR 2006